Pat. App. No. 10/677,771 Inventor: J. Burnes et al. Atty. No. 2312 Replacement Specification Paragraphs
Showing Where Changes Have Been Made July 3, 2004

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U. S. Pat. No. 5,839,844 "Leaching Chamber Endplate" of Nichols et al. and U.S. Pat. No. 6,602,023 of Crescenzi et al., also entitled "Leaching Chamber Endplate" disclose details of how leaching chamber endplates are used in combination with chambers. U. S. patent application No. 09/949,768, "Storm Water Management System" of Krueger et al., filed May 4, 2001, and related application No. 10/402,408, filed March 28, 2003, describe stormwater chamber and end plate use. See also patent application No. (Atty No. 2229)10/677,938 "Corrugated Leaching Chamber" of the present applicants Brochu, Burnes and others, filed on even date herewith, which describes a new corrugated leaching chamber, with which the end cap of the present invention is particularly useful. The end cap of the present invention can be used with the chambers described in the foregoing patent applications and the other patents referenced therein. The drawings and descriptions in the foregoing patents, which are commonly assigned herewith, are hereby incorporated by reference.

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The buttresses have several features in common, as follows. Referring to buttresses 38, each has an essentially planar region 34, shaped in dimension sufficiently to receive a selected diameter pipe running perpendicular thereto. Typically, the end cap is provided without any hole in buttress region 34, and the installer in the field makes openings where pipe connection is desired. For instance, a hole saw or knife may be used to selectively remove a portion of region 34 and create a circular hole through which a pipe may enter. As shown in Fig. 3, region 34 is preferably embossed or scored, to define different diameter circles C1, C2 and C3. The plastic segments within one of the circles are removed by means of pull-out tabs 66 to create a suitable opening. An embossed or otherwise configured hole is often referred to as a seal or seal assembly. Obviously, a close fit with the pipe is desired, to prevent infiltration of soil. For examples of seals that may be used, see U.S. Pat. No. 5,882,014 to Gavin and the references thereof.

Preferably, end cap 20 has a seal like those described in patent application No. (Atty. No.

2136)10/677,769 "Pipe Seal Made of Molded Thermoplastic" of Brochu et al, filed on even date herewith, the disclosure of which is hereby incorporated by reference. In the generality of the invention, the surface portions of buttresses 38, 40 which receive pipes need not be planar, but may have other more complicated or contoured shapes

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